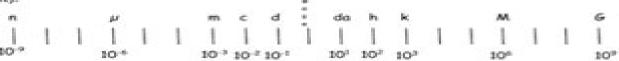
Use your notebook to complete all of the following review questions. Please note that your completed notebook, corrected quizzes and unit review sheets are the <u>BEST</u> study tools. These questions will only help to reinforce some of the exam topics.

1. Draw a line continuum to show the metric prefixes in order from largest (on the left) to smallest (on the right).

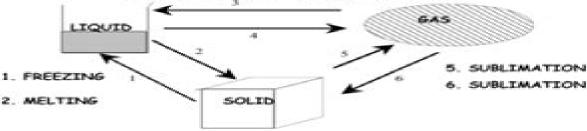


- Complete the following metric conversions:

 - a) 75 g = __0.075__ kg e) 4.2 kL = _420 000_ cL
 - b) 4530 cm = 0.0453 km
- f) 83.2 cm = 832 mm g) 975 mg = _0.975_ g
- c) 0.8 A = 800 mA d) 3200 mA = __3,2_ A
 - h) 975 mg = 0.000975 kg
- Complete the following table using your knowledge of the Particle Theory of Matter:

STATE of MATTER	FORCES OF ATTRACTION	SPACING OF MOLECULES	MOVEMENT OF MOLECULES
solid	strongest	close together	least
liquid	weaker	farther apart	more
gas	weakest	farthest apart	most

- Changes of state are examples of _physical_ changes.
 - a) Complete the following diagram with labels and arrows to show all of the SIX changes of state. 3. EVAPOURATION 4, CONDENSATION



5. Name FIVE ways in which you know a chemical change has probably taken place.

colour change bubbles form precipitate forms light given off heat produced

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